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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/700,789 | 11/03/2003 | Darren Hung-Yao Yeh | JCLA11778 | 5494 |
| 7590 | 03/09/2006 | | EXAMINER | |
| J.C. Patents, Inc. Suite 250 4 Venture Irvine, CA 92618 | | | NGUYEN, SIMON | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2685 | |

DATE MAILED: 03/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|----------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/700,789 | YEH, DARREN HUNG-YAO | |
| | Examiner | Art Unit | |
| | SIMON D. NGUYEN | 2685 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 November 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to because the drawings fail to label (name) components. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. Claims 1-9, 11-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Hasegawa et al. (2003/0181225 A1).

Regarding claim 1, Hasegawa discloses a camera-equipped portable phone (figs.1, 8-10, 12, 32), comprising: a lens with an optical axis (30a); a photo-sensitive element (30) set up at one end of the optical axis; a reflector (20) set up at another end of the optical axis, reflector forming an included angle with the optical axis for reflecting image from an object through the lens onto the photo-sensitive element; and a rotatable reflector seat (20a,h, g) rotatably set up around the lens with the reflector attached to the reflector seat such that the reflector can rotate around the lens (paragraphs 77, 83, 110), wherein the reflector can also be moved toward the lens to protect the lens from dust and contaminant (paragraphs 75, 81, 91).

Regarding claim 12, this claim is rejected for the same reason as set forth in claim 1, wherein Hasegawa further discloses a main body casing having a plurality of buttons, and the lens set up on one side edge of the main body casing (figs.25, 33).

Regarding claims 2-3, 16-17, Hasegawa further discloses the photo-sensitive element comprising a CMOS or a CCD (paragraph 74).

Regarding claims 4-5, 13-14, Hasegawa further discloses the reflector (20) can be supported and pivoted by a reflector support level (80) to the rotatable reflector seat, which allows the reflector moves closer or far away at different positions, and wherein the reflector is a planar reflecting surface (figs. 8, 12, 16, 20, 24, 28, 32).

Regarding claims 6-7, 18, Hasegawa further discloses the reflector has a curved reflecting surface (20t of fig.32) , included an angle of 45 degrees (paragraph 110).

Regarding claims 8-9, Hasegawa further discloses the optical axis of lens is along a width direction (figs. 1, 5, 9), a length direction (figs. 13, 17, 21) of the phone.

Regarding claim 11, Hasegawa further discloses the phone is a bar-type phone (fig.1).

Regarding claim 15, Hasegawa further discloses a connecting rod (20a) for pivoting the reflector (fig. 32, paragraph 110).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hasegawa et al. (2003/0181225 A1) in view of Fukuda et al. (2003/0040346 A1).

Regarding claim 10, Hasegawa fails to disclose the phone is a clamshell type phone.

Fukuda discloses a camera-equipped phone is a clamshell type phone (figs. 20-21). Therefore, it would have been obvious to those skilled in the art at the time the invention was made to have Hasegawa, modified by Fukuda to equipped a camera in various types of phones which is potentially to improve the productivity.

6. Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hasegawa et al. (2003/0181225 A1) in view of Horiguchi (6,980,735)).

Regarding claim 19, Hasegawa fails to disclose the lens is in a width, length side of the phone.

Horiguchi discloses a lens is on a width/length side of the phone (51a of fig.20). therefore, it would have been obvious to one skilled in the art at the time the invention was made to have Hasegawa, modified by Horiguchi in order to allow a user, who is taking picture can see the image via a display.

7. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sato et al. (20040023684 A1) in view of Hasegawa et al. (2003/0181225 A1).

Regarding claim 20, Sato disclose mobile camera-equipped phone (fig.1), comprising: a pivot structure; a flip cover connected to the pivot structure, a display mounted on the flip cover; a main body casing connected to the pivot structure in a manner that the main body casing is pivotable relative to the flip cover, a keypad mounted on the main body casing; a lens and a photo-sensitive element fixedly mounted in the pivot structure, wherein an optical axis of the lens extends in a direction for which the pivot structure extends for taking objects from different directions (figs. 1, 3-4). However, Sato fails to disclose a reflector.

Hasegawa discloses a camera-equipped phone having a lens, an optical axis, a reflector mounted on the pivot structure and forming an included angle with and

rotatable about the optical axis of the lens so that the reflector can reflect images of objects from different directions along the optical axis of the lens through the lens to reach on the photo-sensitive element (figs. 1, 8-10, 12, 32, paragraphs 75, 77, 81, 83, 91, 110). therefore, it would have been obvious to one skilled in the art at the time the invention was made to have Sato, modified Hasegawa in order to allow a user, who is taking picture can see the image via a display.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Lee (US 2004/0097262 A1) discloses a camera-equipped phone having a lens and a photo element mounted in the pivot structure, wherein the axis of the lens extends in a direction for which the pivot structure extends (figs. 2, 5); Lee (US 2004/0198433 A1) discloses a camera-equipped phone having a lens and a photo element mounted in the pivot structure, wherein the axis of the lens extends in a direction for which the pivot structure extends (figs. 23, paragraphs 7-12, 26-34, 37, 40-43).

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Simon Nguyen whose telephone number is (571) 272-7894. The examiner can normally be reached on Monday-Friday from 7:00 AM to 4:00PM.

Art Unit: 2685

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban, can be reached on (571) 272-7899.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

600 Dulany, Alexandria, VA 22314

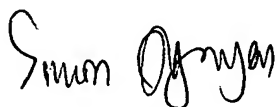
Or faxed to:

(571) 273-8300 (for formal communications intended for entry)

Hand-delivered response should be brought to Customer Service Window located at the Randolph Building, 401 Dulany, Alexandria, VA, 22314.

Simon Nguyen

February 28, 2006



SIMON NGUYEN
PRIMARY EXAMINER